

Figure 1A



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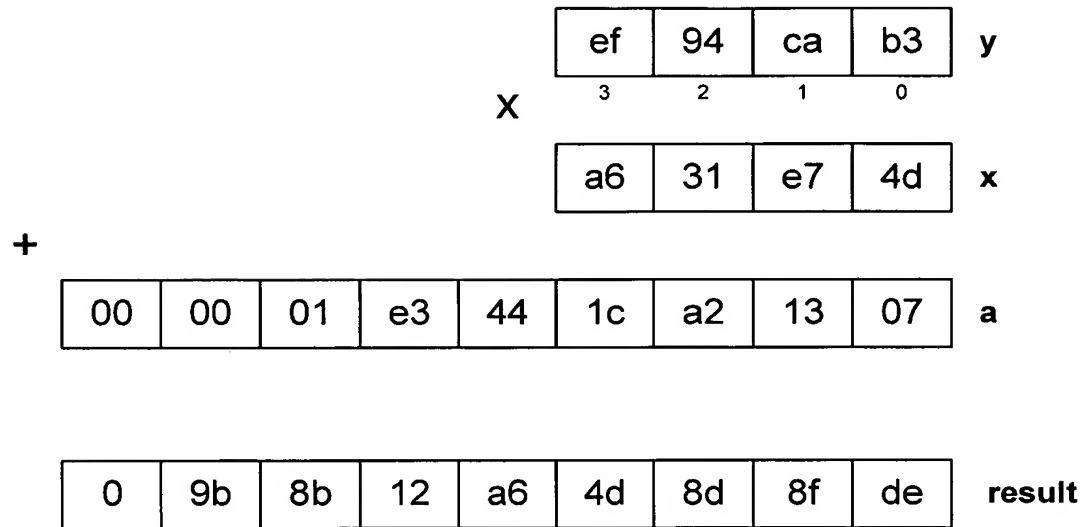


Figure 1B



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4019505843

y

2788288333

x

531356654375687

a

11208072603116605406

result

Figure 1C



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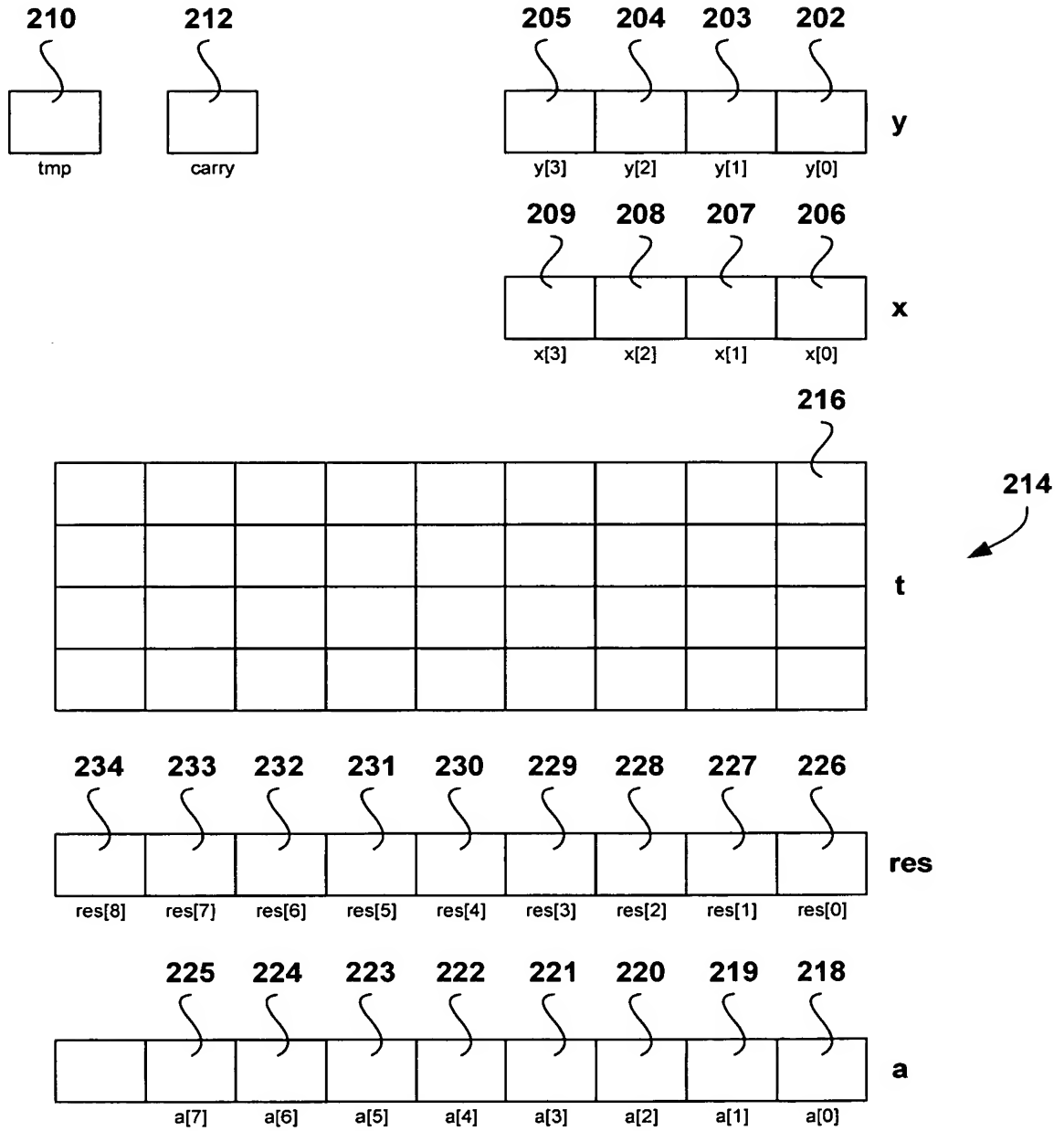


Figure 2A



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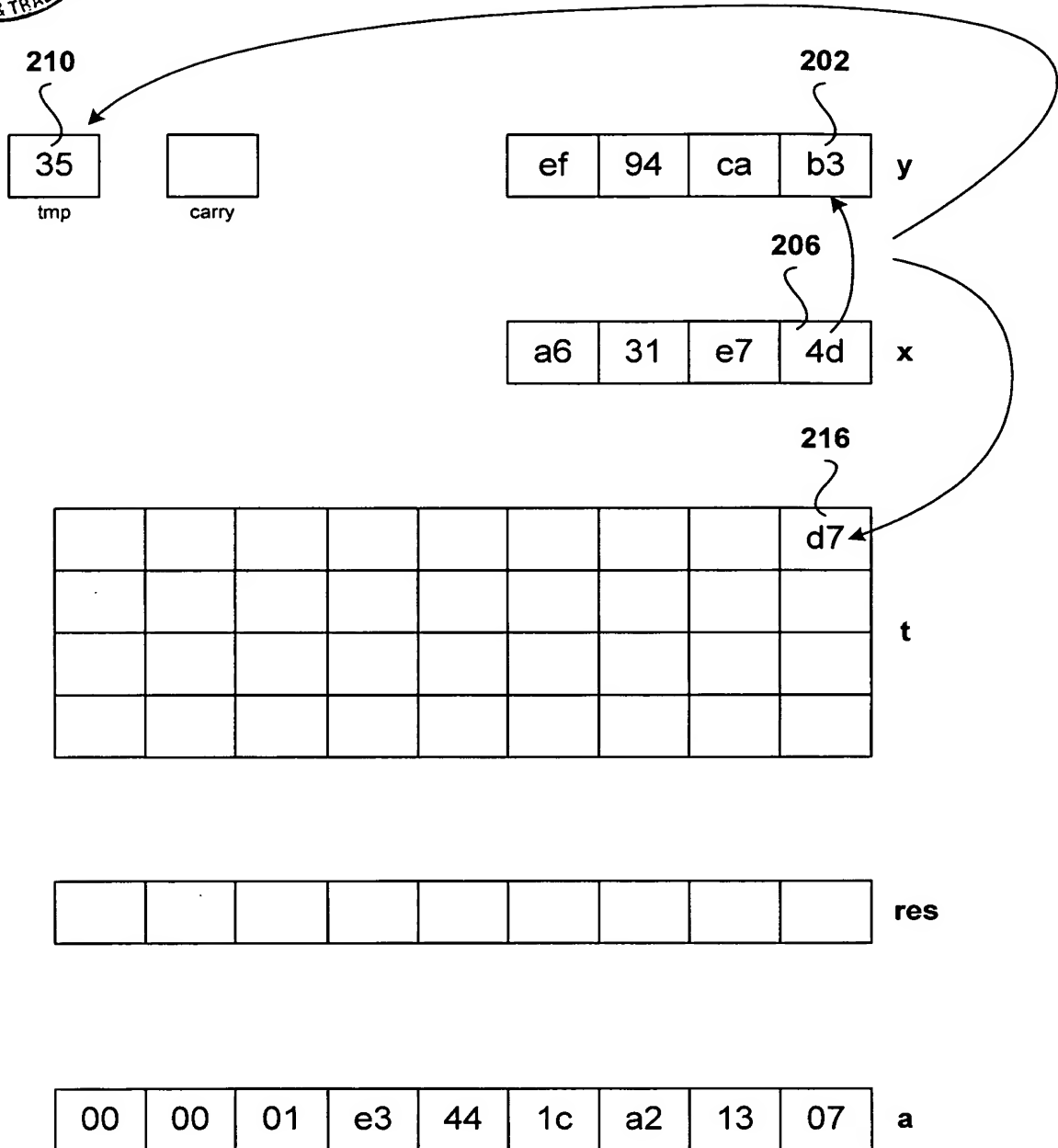


Figure 2B



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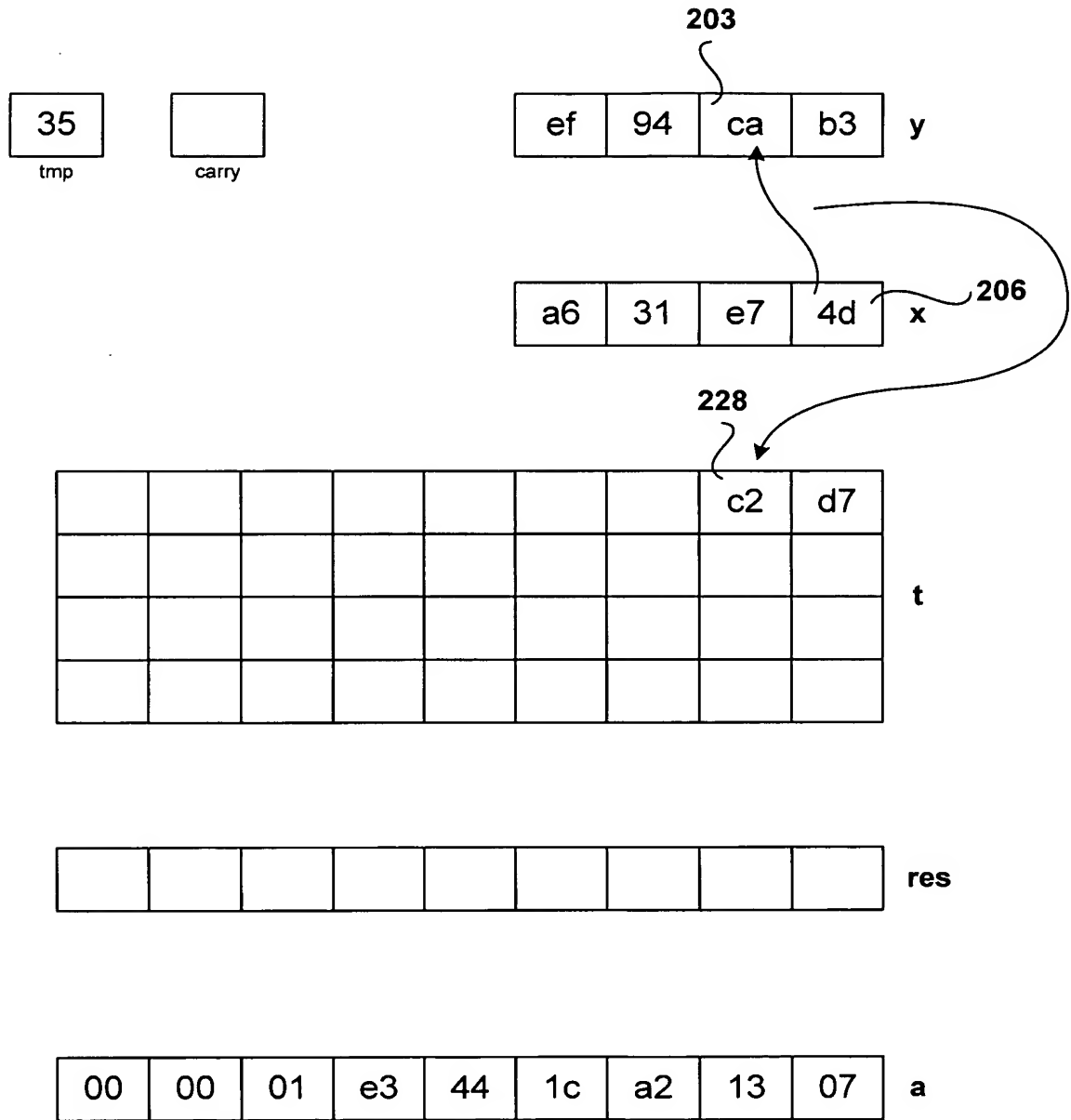


Figure 2C



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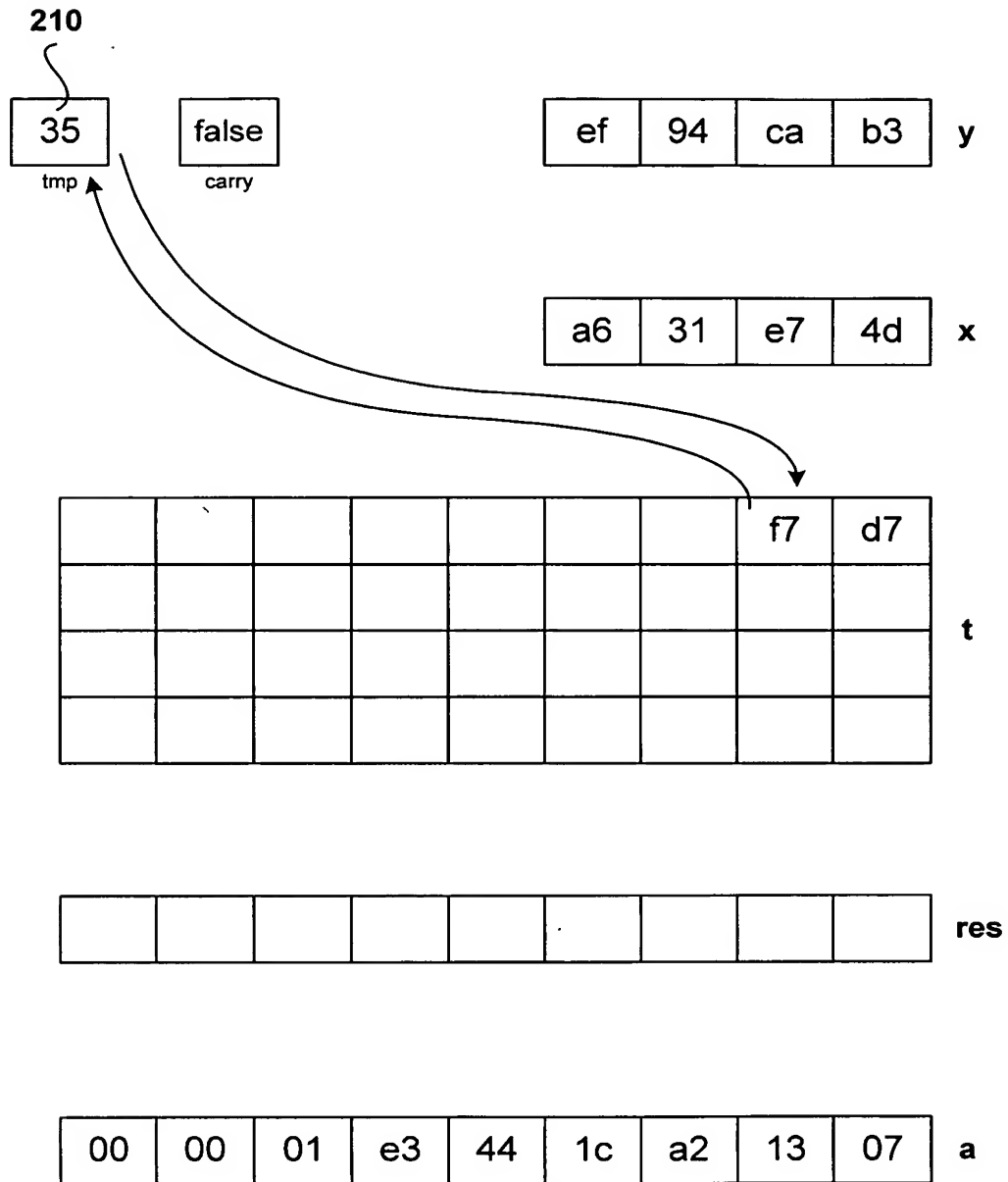
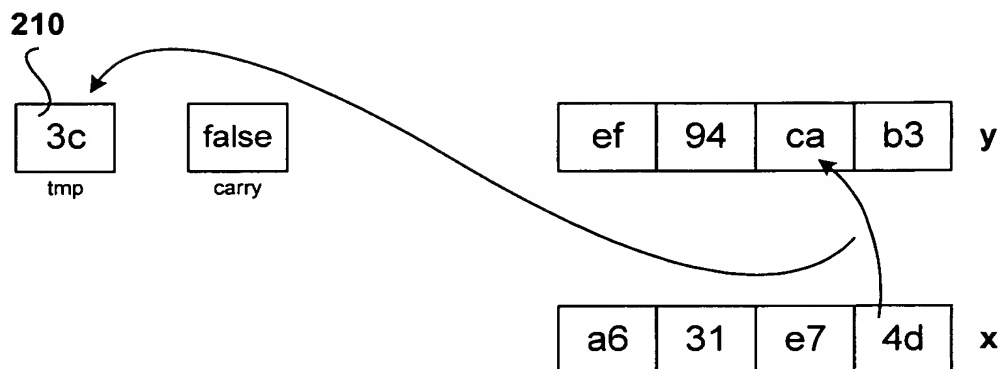


Figure 2D



							f7	d7	t

									res
--	--	--	--	--	--	--	--	--	-----

00	00	01	e3	44	1c	a2	13	07	a
----	----	----	----	----	----	----	----	----	---

Figure 2E



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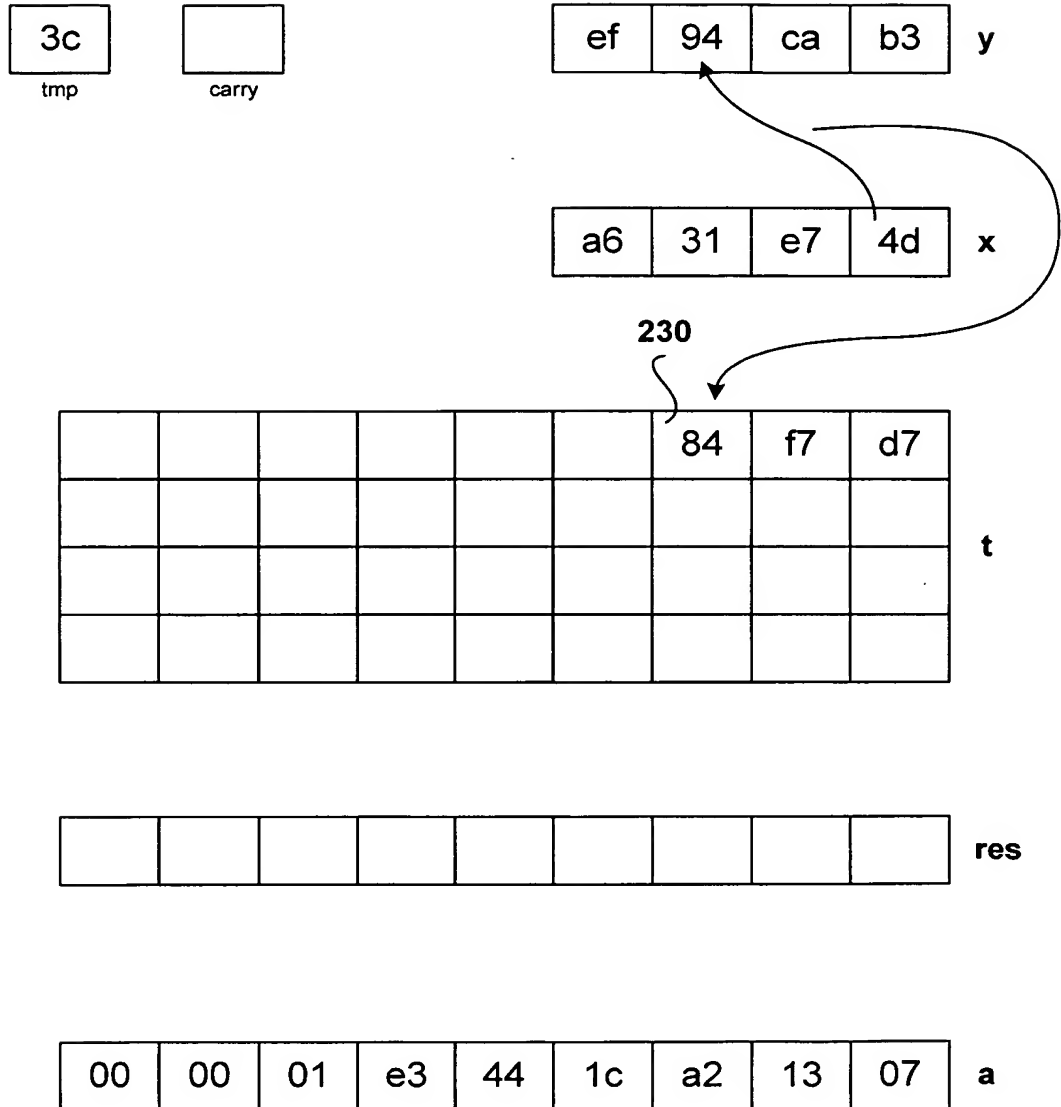


Figure 2F



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2c

tmp

true

carry

ef	94	ca	b3
----	----	----	----

y

a6	31	e7	4d
----	----	----	----

x

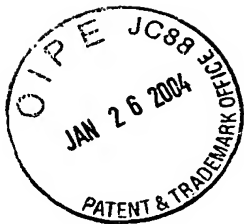
				48	of	c0	f7	d7	t

--	--	--	--	--	--	--	--	--

res

00	00	01	e3	44	1c	a2	13	07	a
----	----	----	----	----	----	----	----	----	---

Figure 2G



11/38

85

tmp

01

carry

ef	94	ca	b3
----	----	----	----

y

a6	31	e7	4d
----	----	----	----

x

232

				48	of	c0	f7	d7	t
			d8	2f	42	e7	85		

--	--	--	--	--	--	--	--	--

res

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

a

Figure 2H



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1c	false	ef	94	ca	b3	y
tmp	carry					

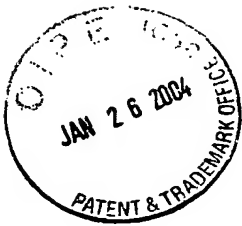
a6	31	e7	4d	x
----	----	----	----	---

				48	of	c0	f7	d7	
			d8	2f	42	e7	85		
		2d	db	7a	cc	43			t

									res
--	--	--	--	--	--	--	--	--	-----

00	00	01	e3	44	1c	a2	13	07	a
----	----	----	----	----	----	----	----	----	---

Figure 2I



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5f

tmp

true

carry

ef	94	ca	b3
----	----	----	----

y

a6	31	e7	4d
----	----	----	----

x

234
→

				48	of	c0	f7	d7	t
			d8	2f	42	e7	85		
		2d	db	7a	cc	43			
	9b	5a	7b	70	12				

--	--	--	--	--	--	--	--	--

res

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

a

Figure 2J



14/38

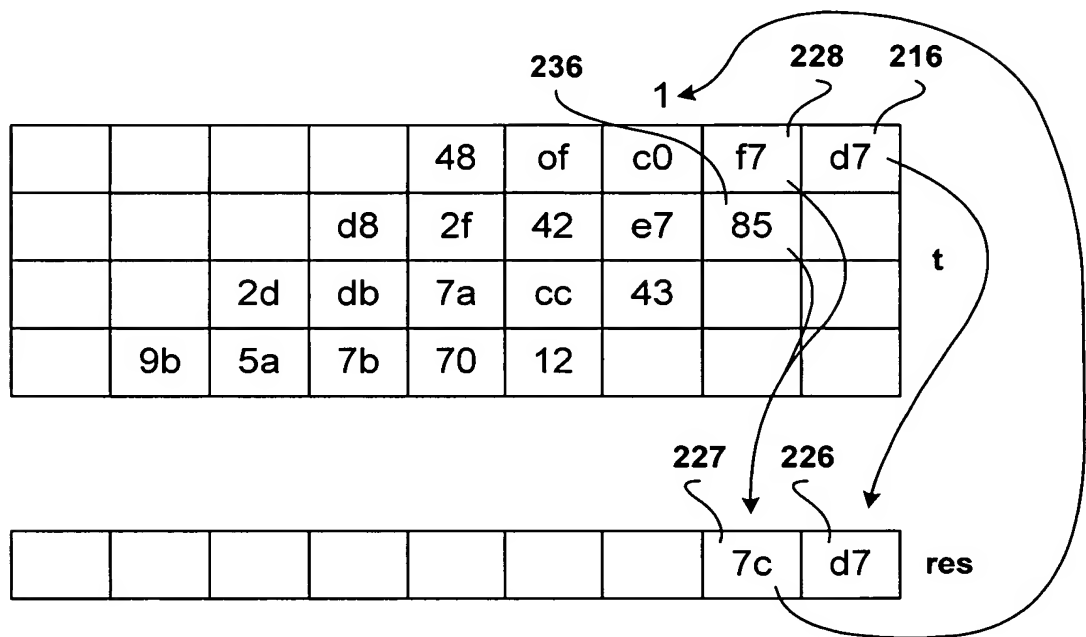
5f
tmp

true
carry

ef	94	ca	b3
----	----	----	----

 y

a6	31	e7	4d
----	----	----	----

 x

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

 a

Figure 2K



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5f	true	ef	94	ca	b3	y
tmp	carry					

a6	31	e7	4d	x
----	----	----	----	---

				48	of	c0	f7	d7	
			d8	2f	42	e7	85		t
		2d	db	7a	cc	43			
	9b	5a	7b	70	12				

	9b	89	2f	62	30	eb	7c	d7	res
--	----	----	----	----	----	----	----	----	-----

00	00	01	e3	44	1c	a2	13	07	a
----	----	----	----	----	----	----	----	----	---

Figure 2L



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5f

tmp

true

carry

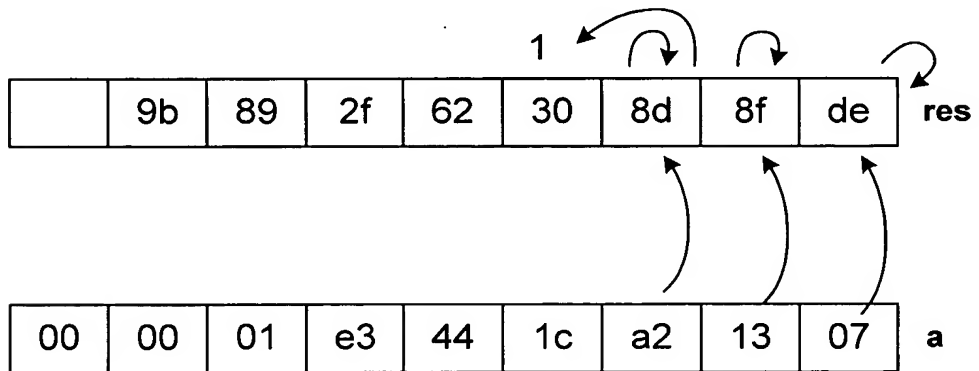
ef	94	ca	b3
----	----	----	----

 y

a6	31	e7	4d
----	----	----	----

 x

				48	of	c0	f7	d7	t
			d8	2f	42	e7	85		
		2d	db	7a	cc	43			
	9b	5a	7b	70	12				



00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

 a

Figure 2M



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5f

tmp

true

carry

ef	94	ca	b3
----	----	----	----

y

a6	31	e7	4d
----	----	----	----

x

				48	of	c0	f7	d7	t
			d8	2f	42	e7	85		
		2d	db	7a	cc	43			
	9b	5a	7b	70	12				

0	9b	8b	12	ab	4d	8d	8f	de
---	----	----	----	----	----	----	----	----

res

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

a

Figure 2N



18/38

--

tmp

--

carry

ef	94	ca	b3
----	----	----	----

y

a6	31	e7	4d
----	----	----	----

x

									}	t

--	--	--	--	--	--	--	--	--

result

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

a

Figure 3A



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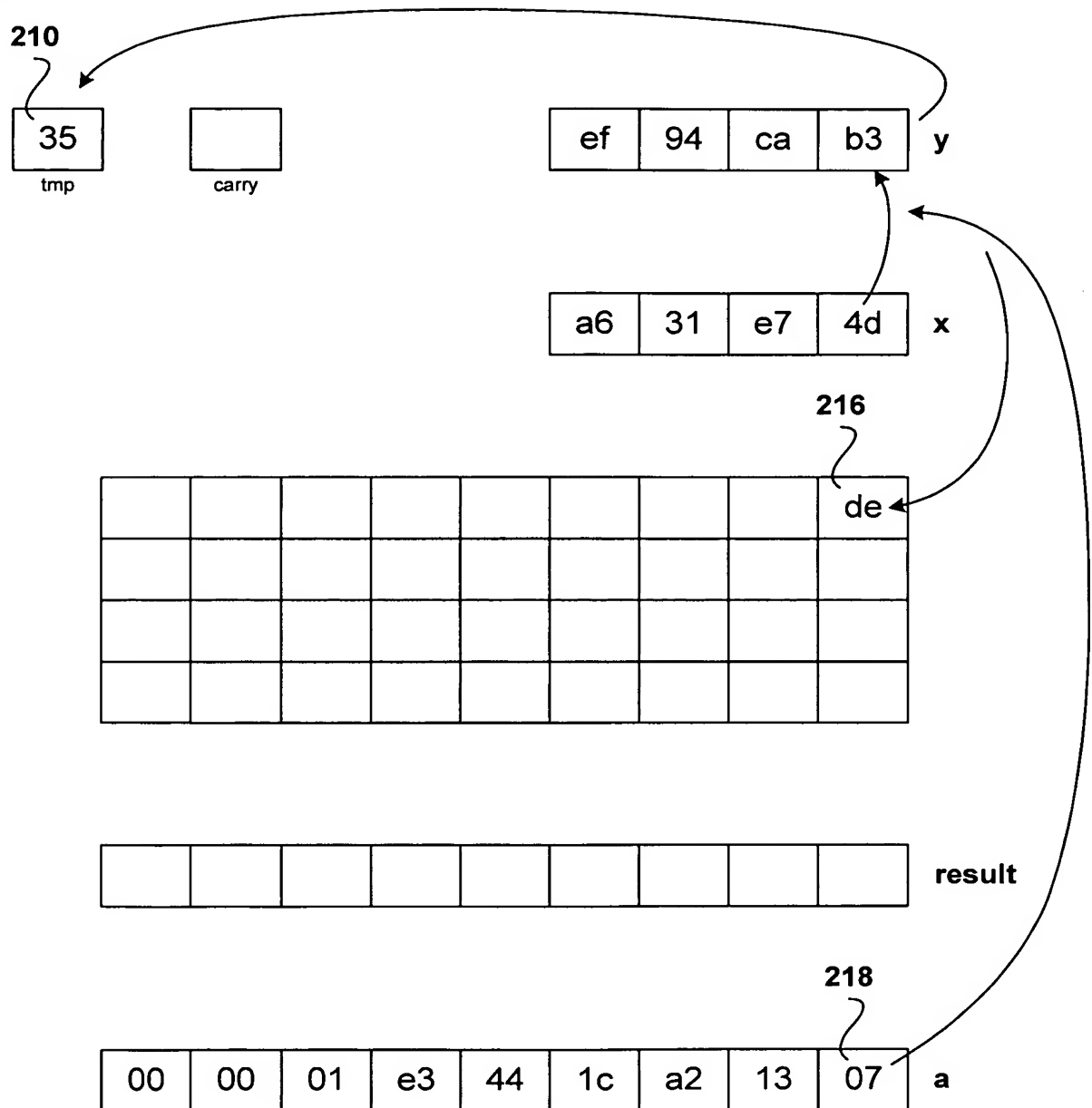


Figure 3B



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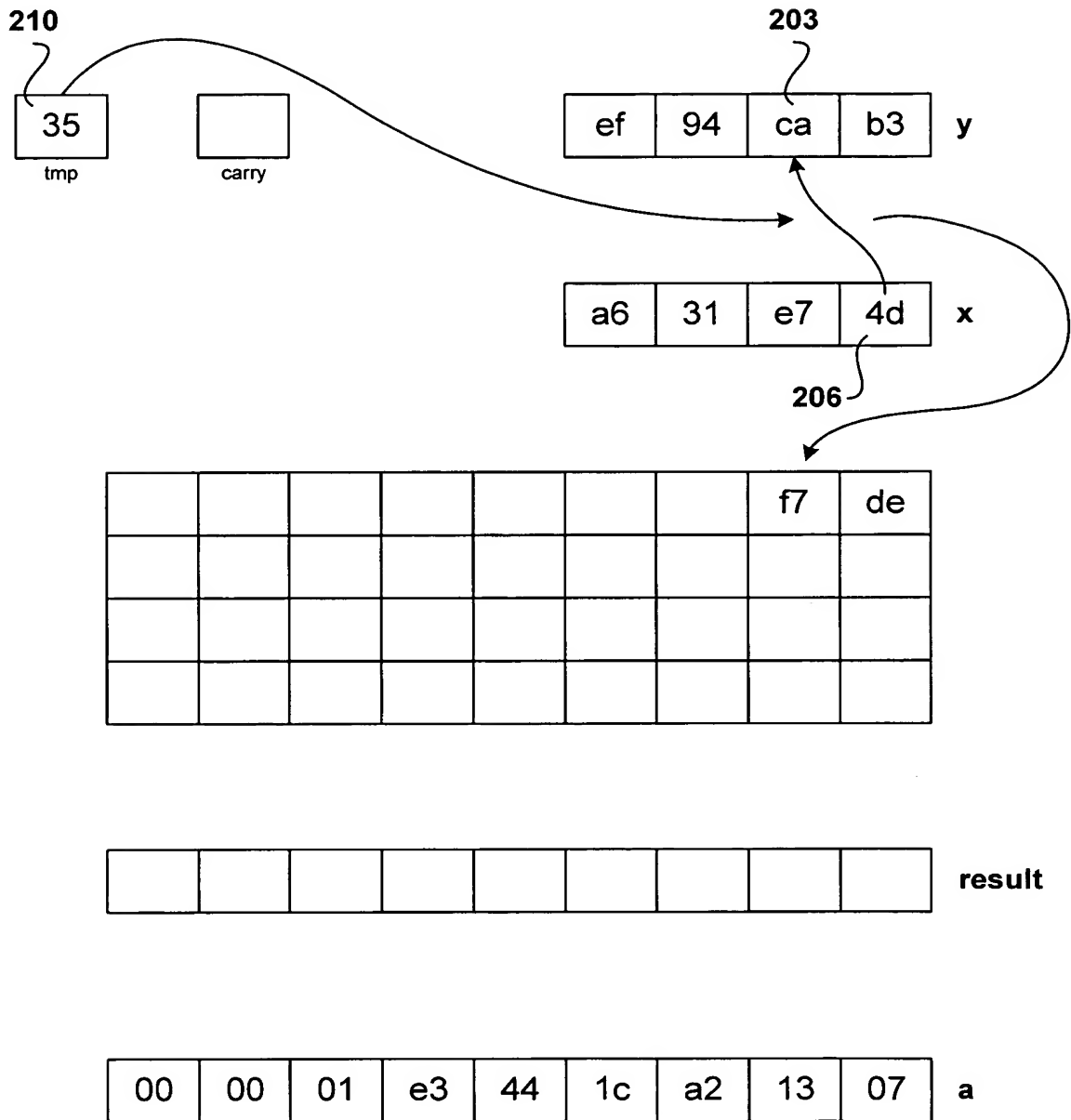
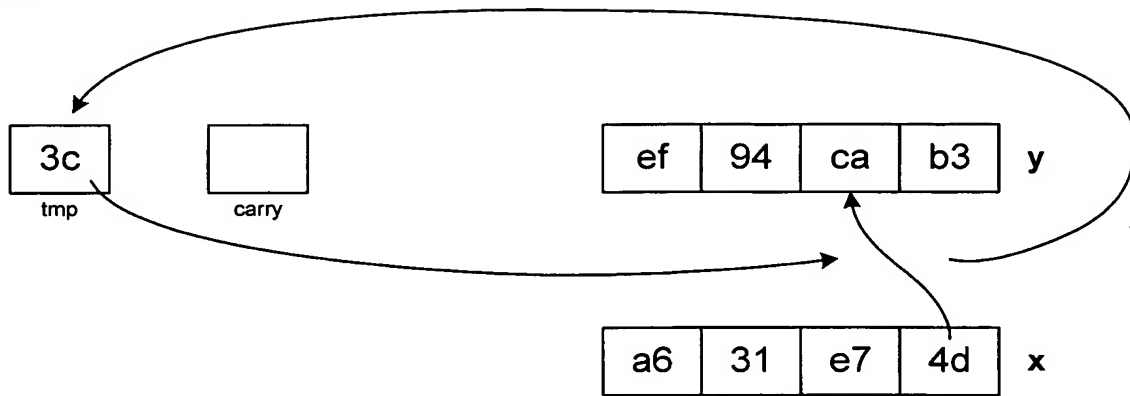


Figure 3C



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							f7	de

--	--	--	--	--	--	--	--	--

result

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

a

Figure 3D



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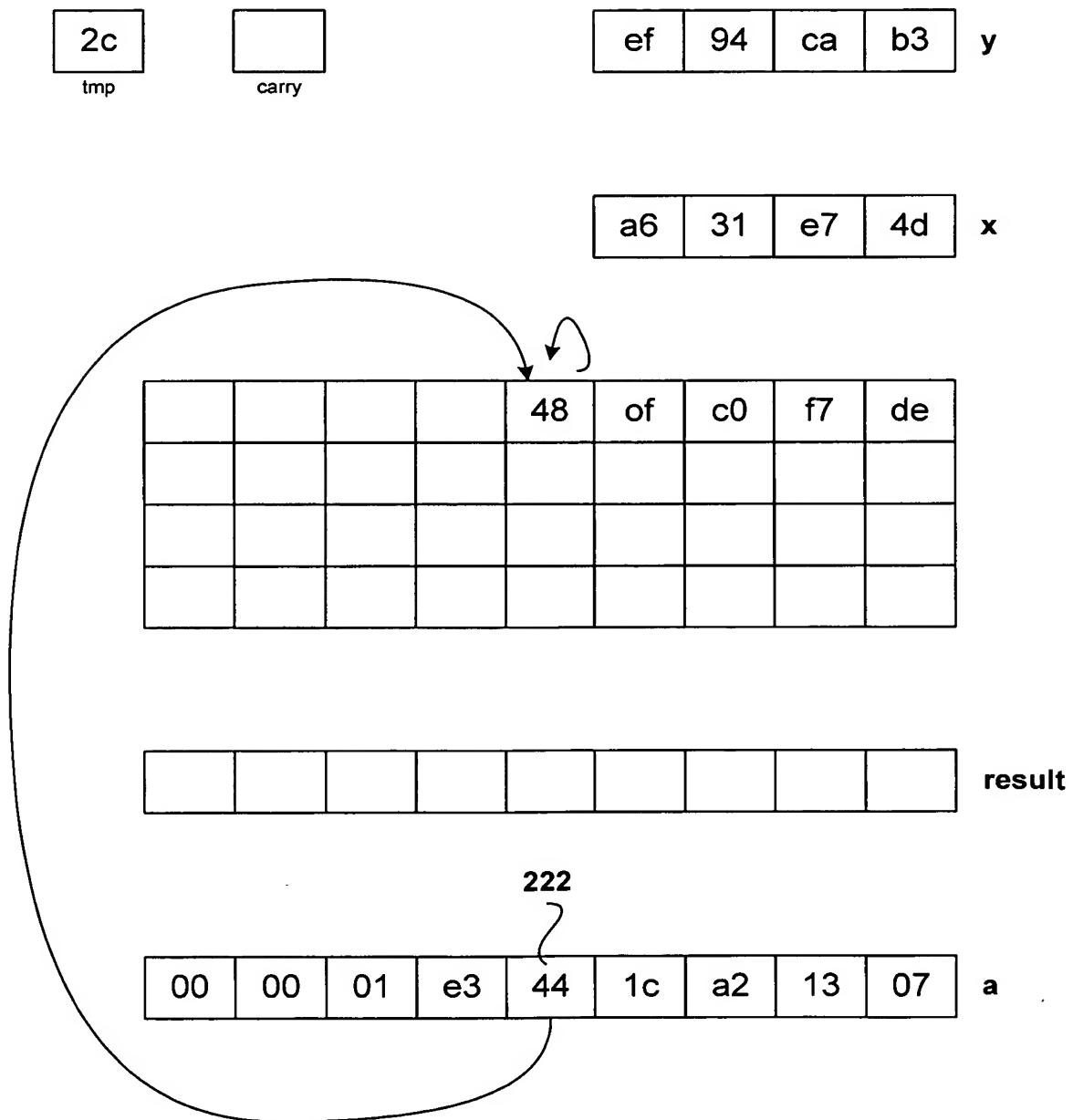


Figure 3E



2c

tmp

--

carry

ef	94	ca	b3
----	----	----	----

y

a6	31	e7	4d
----	----	----	----

x

				8c	of	c0	f7	de

--	--	--	--	--	--	--	--	--

result

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

a

Figure 3F



24/38

86
tmp

carry

202
ef 94 ca b3 y

207
a6 31 e7 4d x

232

				8c	of	c0	f7	de
		01	bb	2f	42	e7	98	

--	--	--	--	--	--	--	--	--

result

223 219

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

a

Figure 3G



1c

tmp

carry

ef

94

ca

b3

y

a6

31

e7

4d

x

				8c	of	c0	f7	de
		01	bb	2f	42	e7	98	
		2e	db	7a	cc	e5		

result

00

00

01

e3

44

1c

a2

13

07

a

Figure 3H



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60

tmp

--

carry

ef	94	ca	b3
----	----	----	----

 y

a6	31	e7	4d
----	----	----	----

 x

				8c	of	c0	f7	de
		01	bb	2f	42	e7	98	
		2e	db	7a	cc	e5		
	9b	5a	7b	70	2e			

--	--	--	--	--	--	--	--	--

 result

00	00	01	e3	44	1c	a2	13	07
----	----	----	----	----	----	----	----	----

 a

Figure 3I



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60
tmp

carry

ef	94	ca	b3
----	----	----	----

 y

a6	31	e7	4d
----	----	----	----

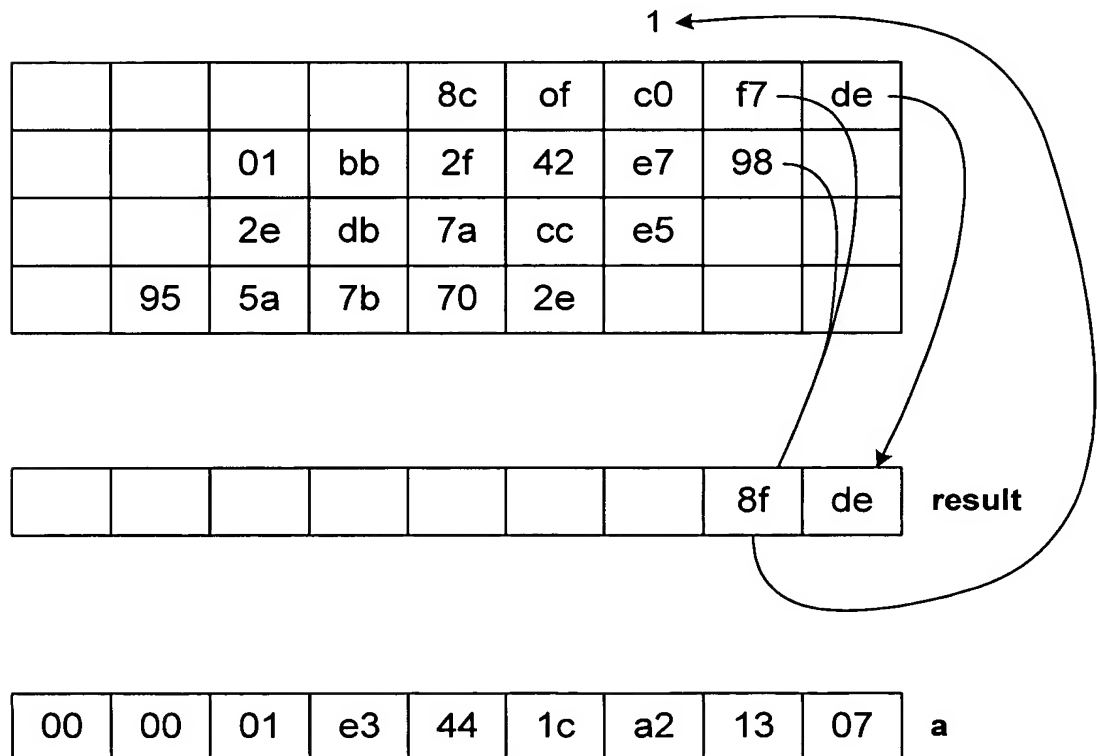
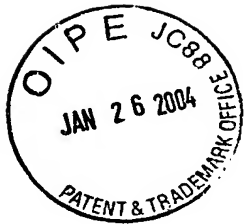
 x

Figure 3J



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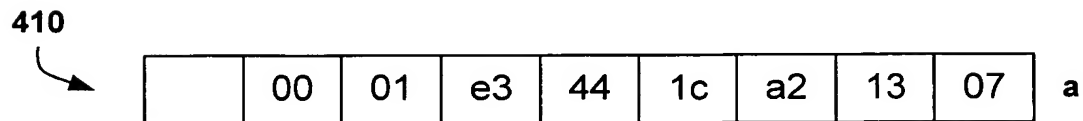
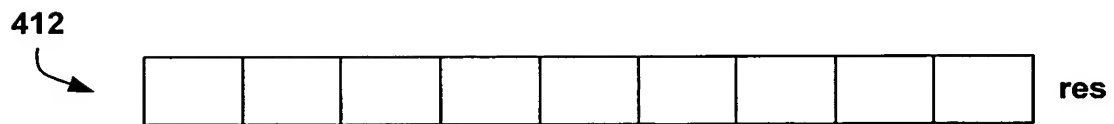
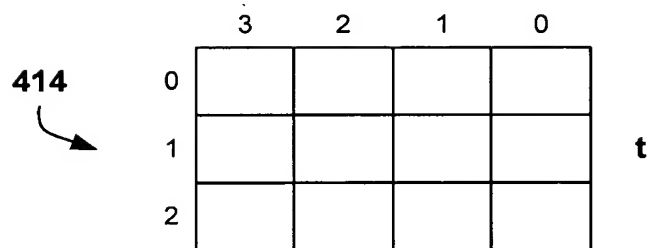
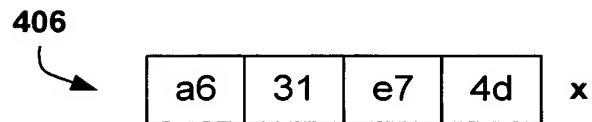
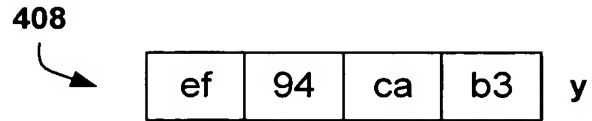
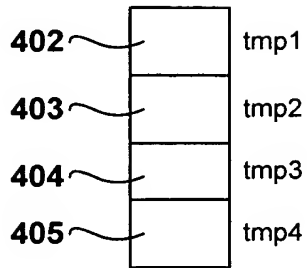


Figure 4A



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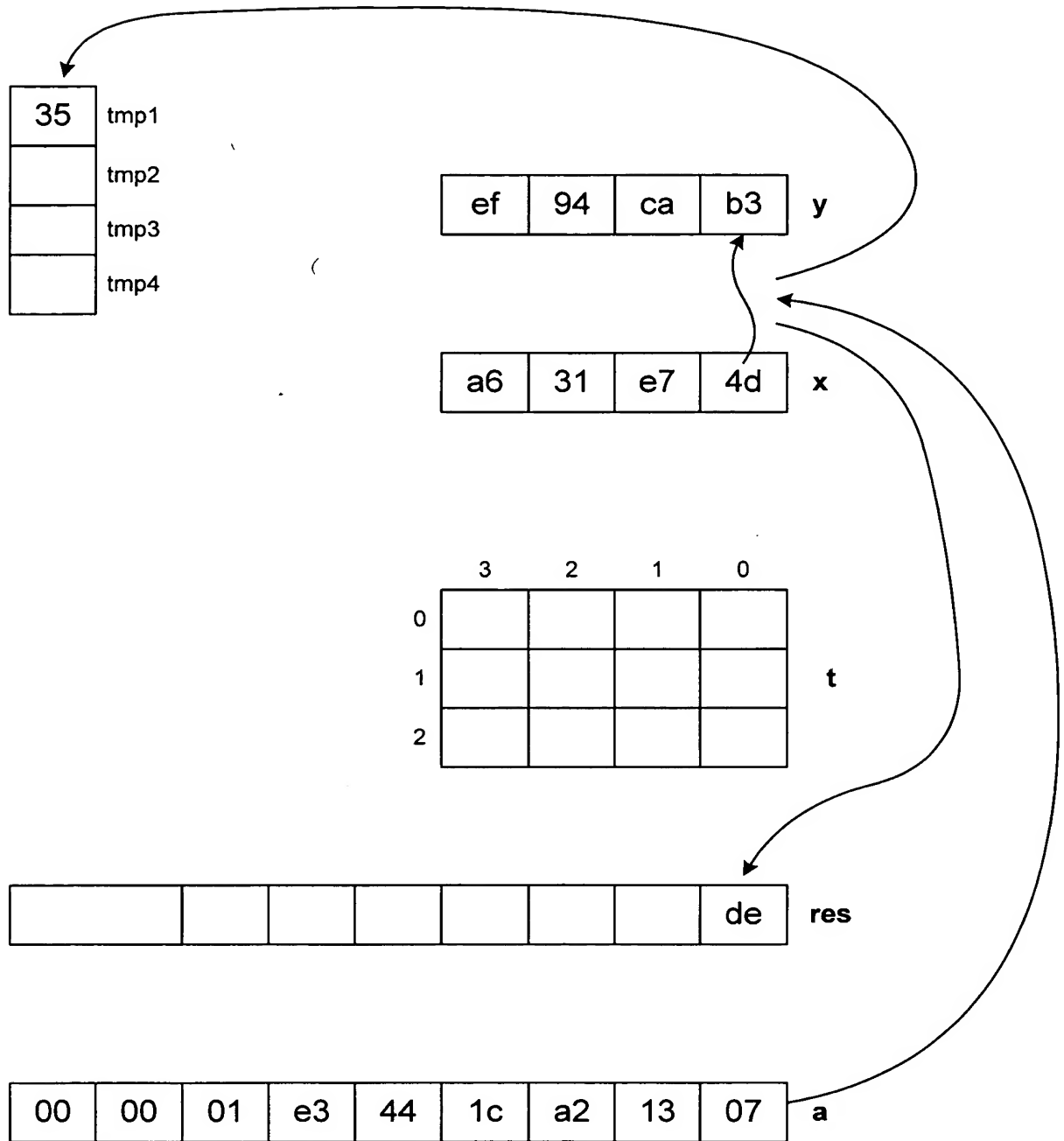


Figure 4B



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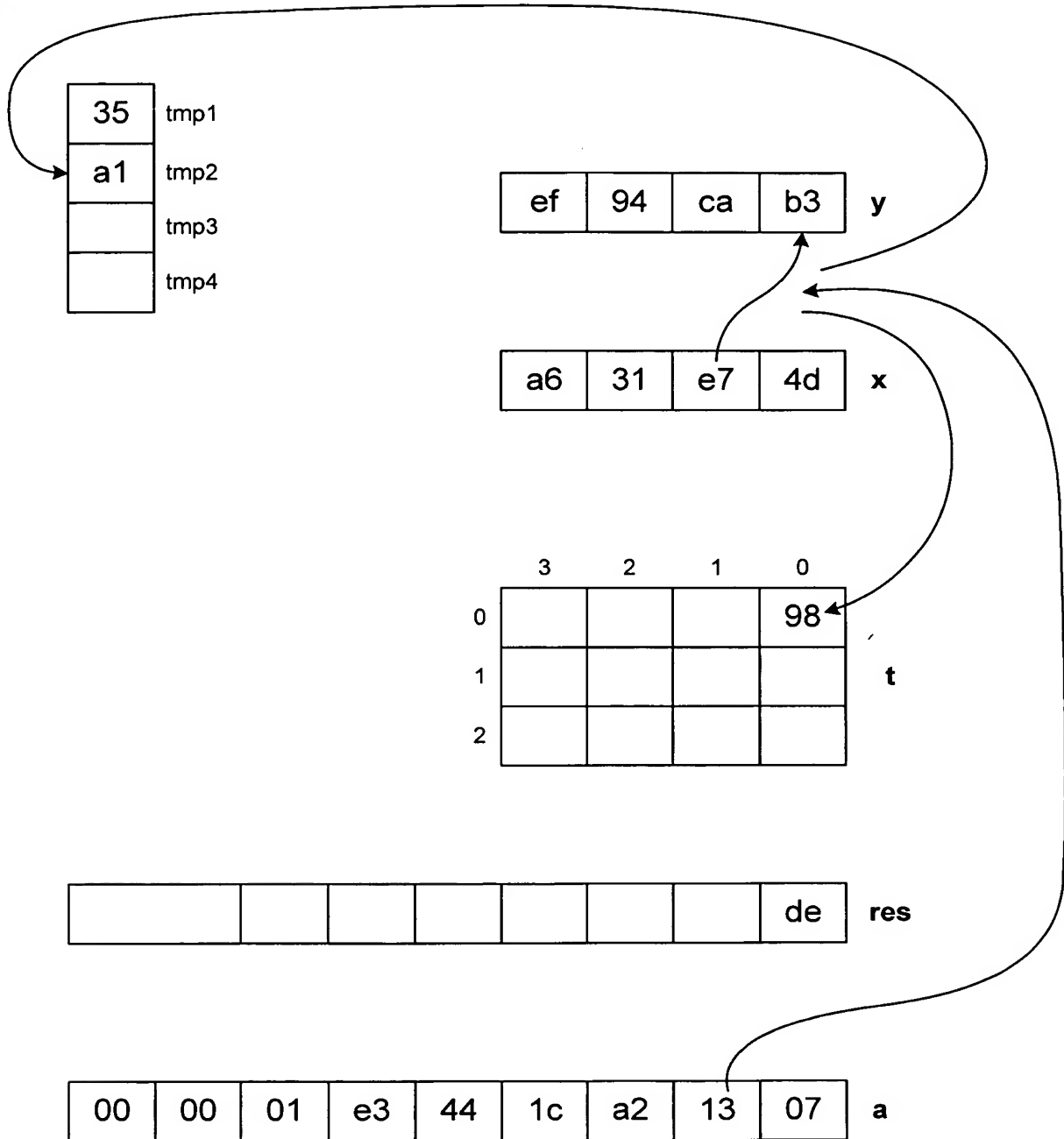


Figure 4C

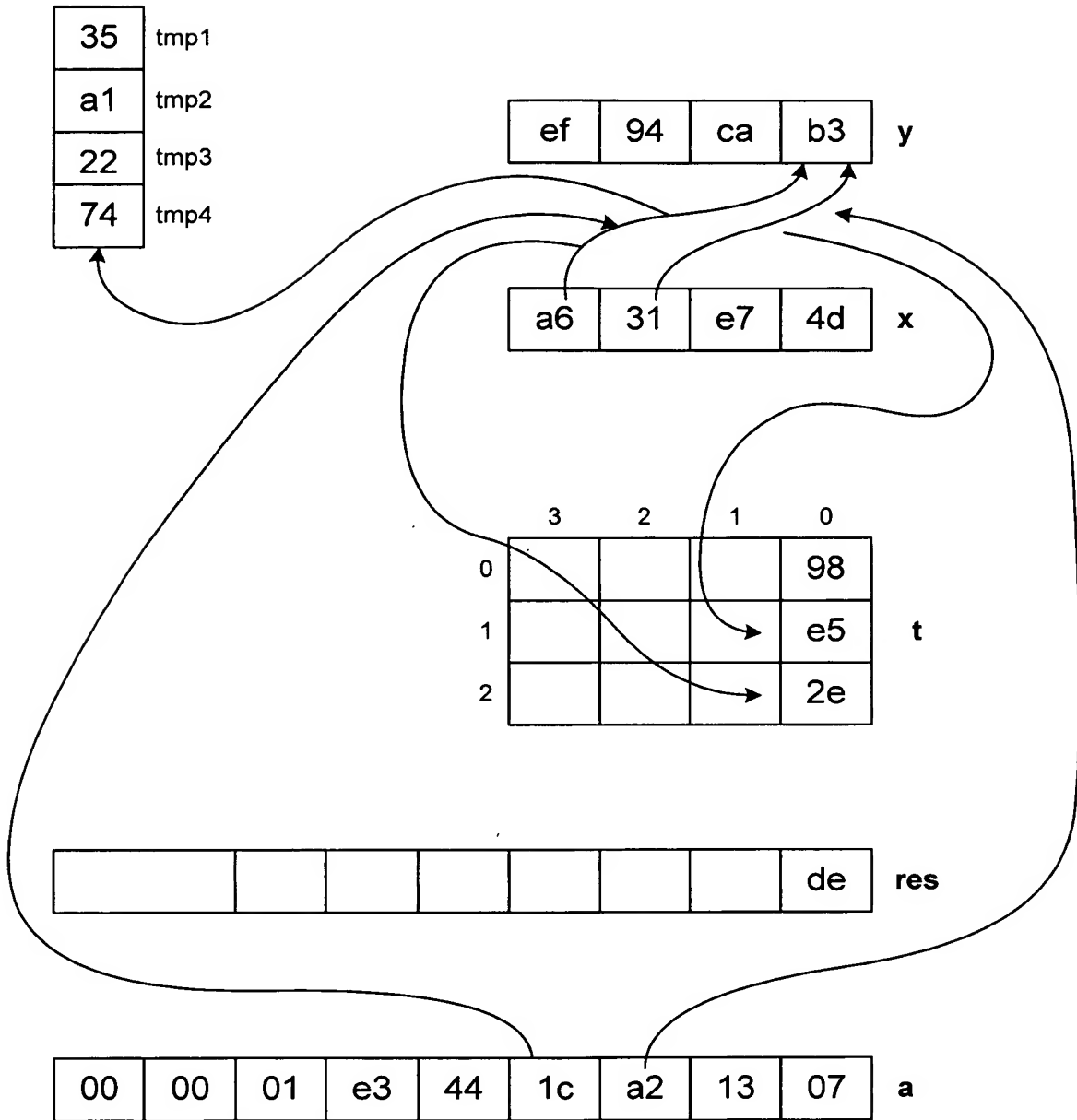


Figure 4D



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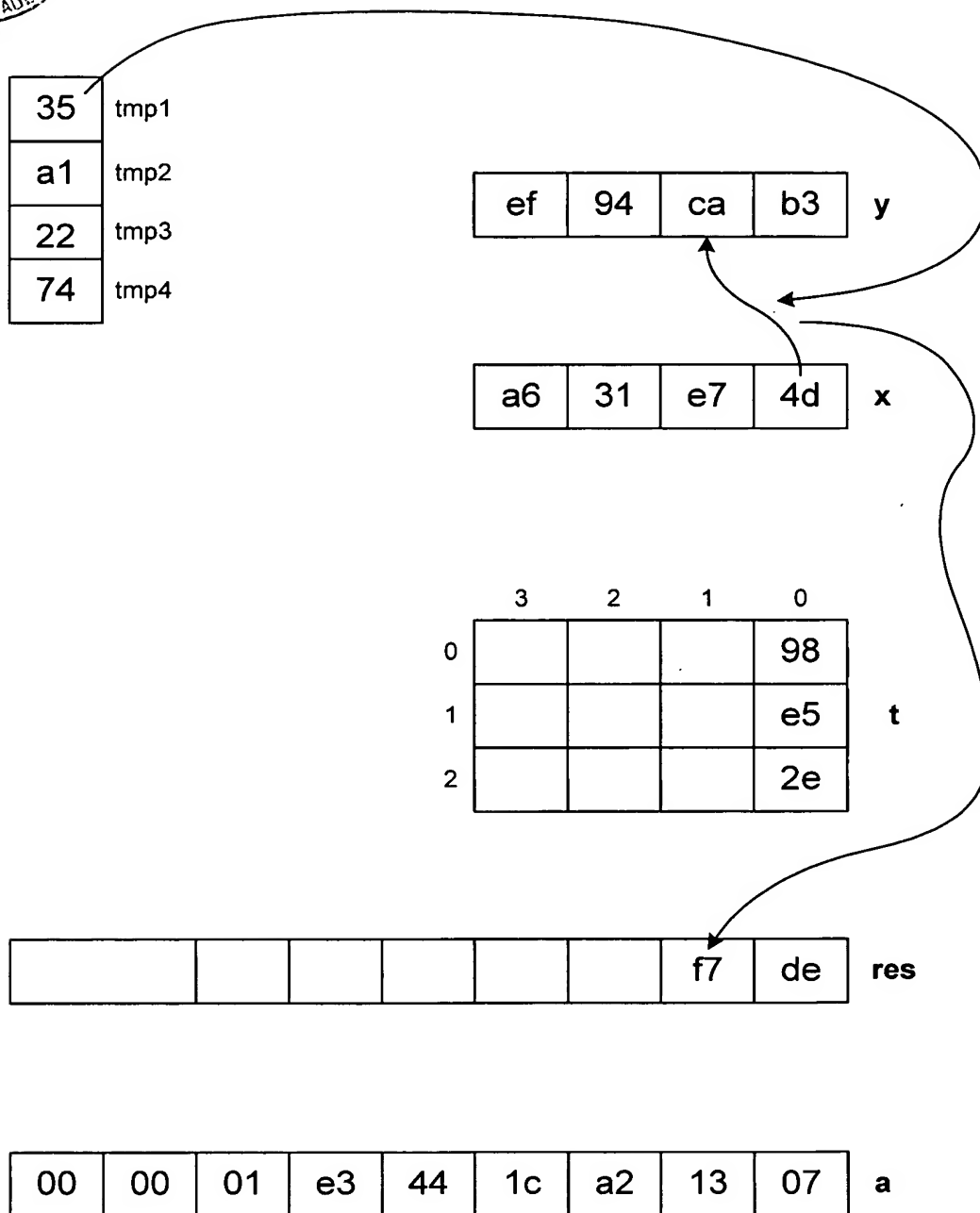


Figure 4E



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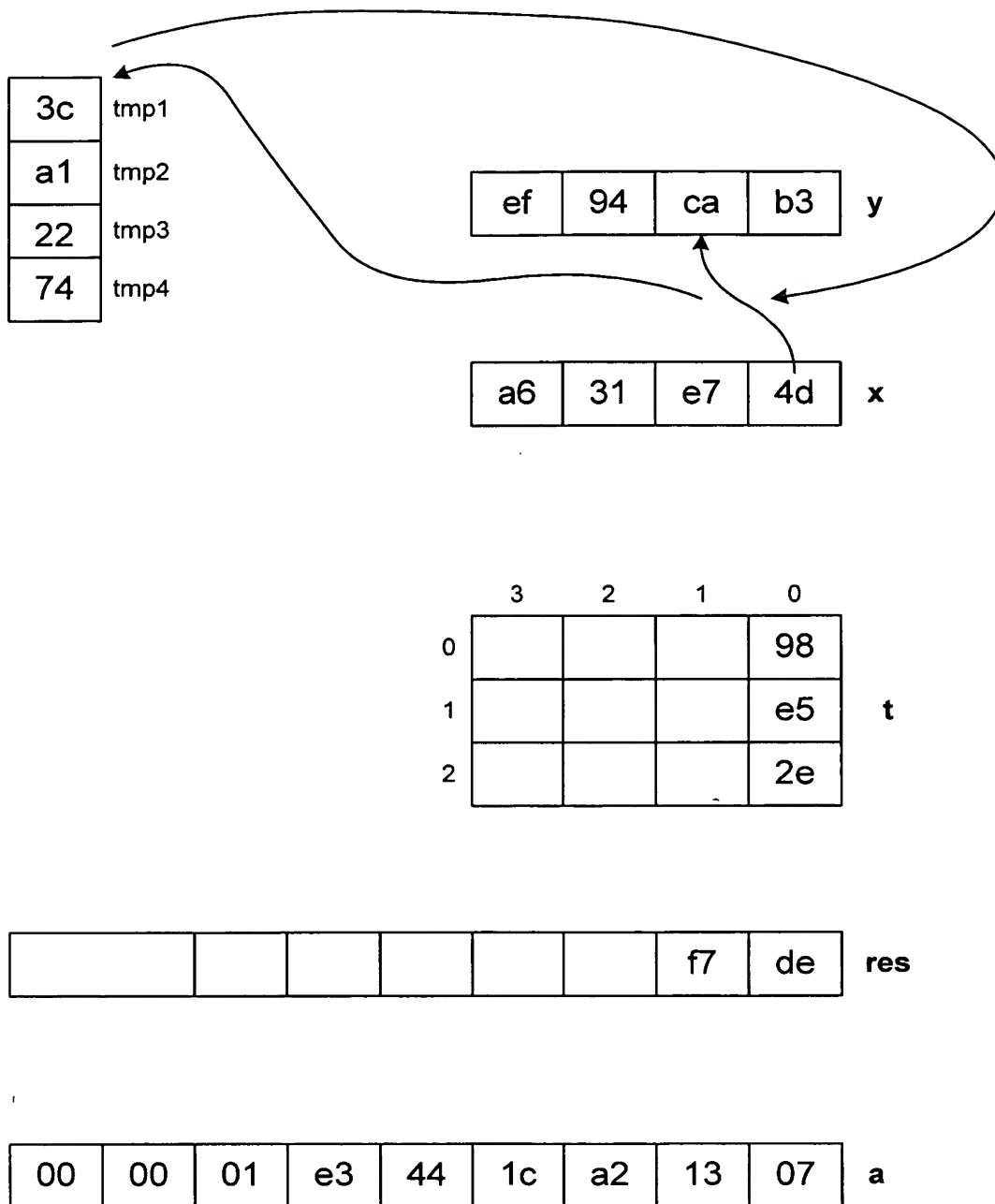


Figure 4F



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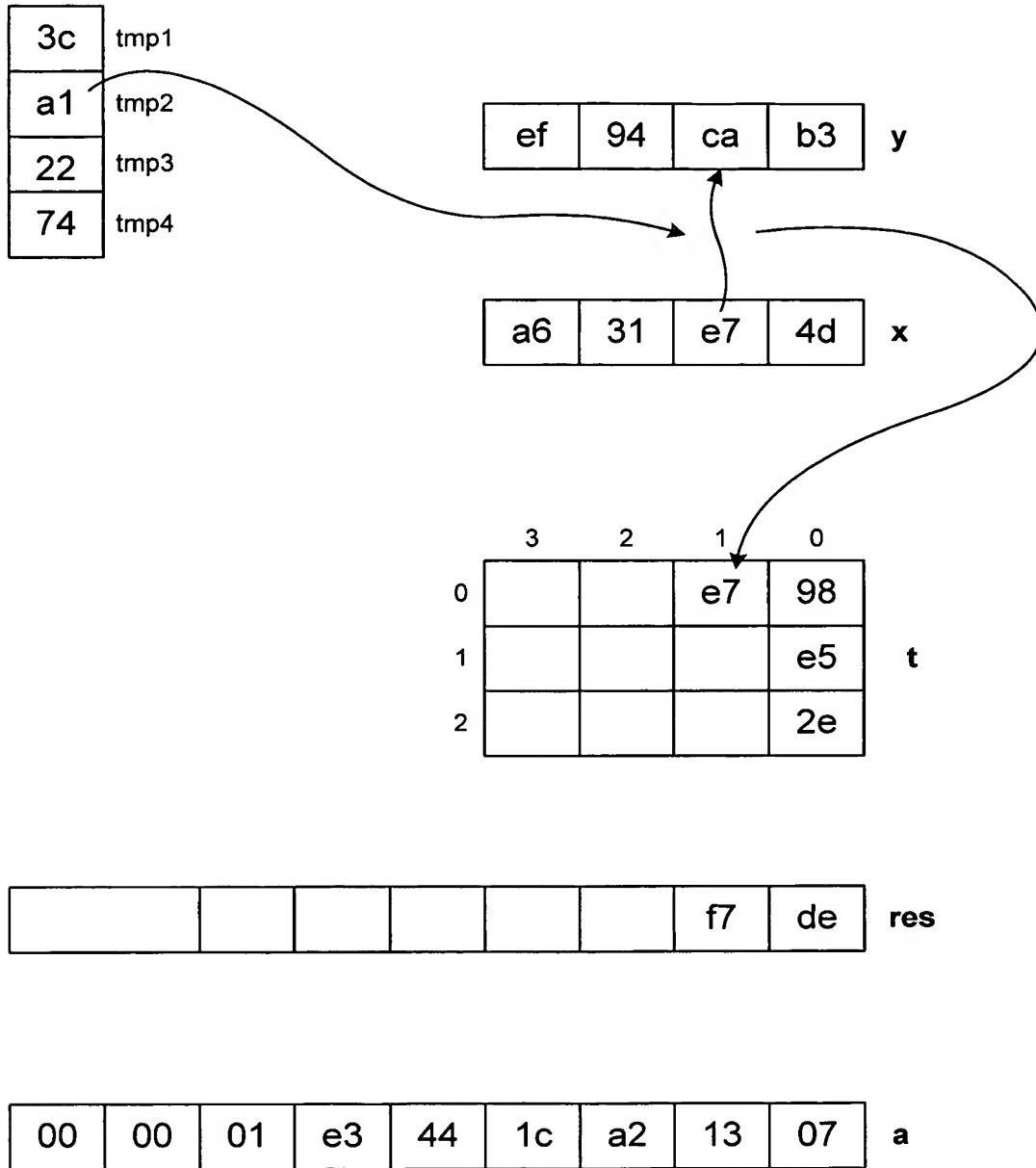


Figure 4G



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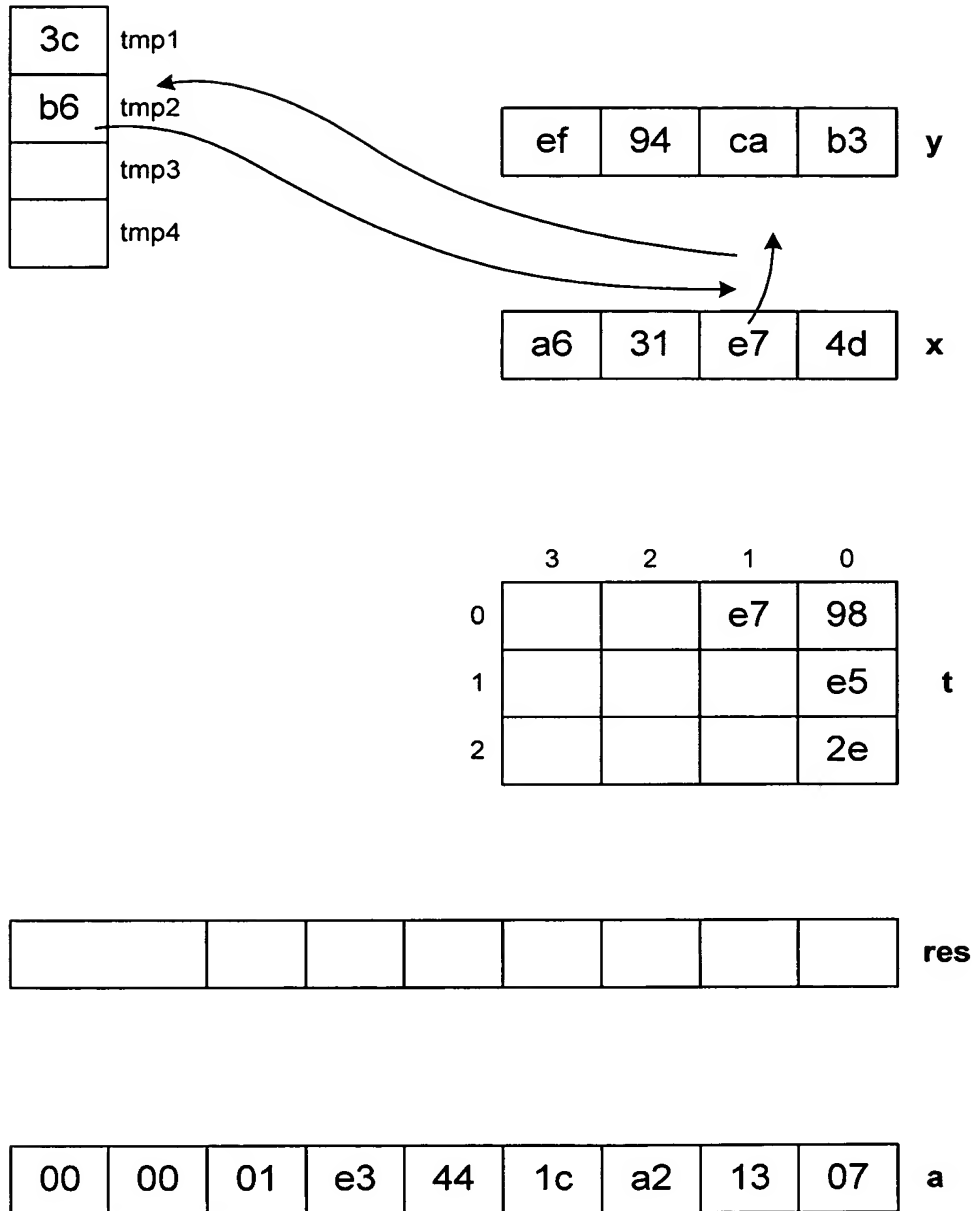


Figure 4H



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3c	tmp1
b6	tmp2
26	tmp3
83	tmp4

ef	94	ca	b3	y
----	----	----	----	---

a6	31	e7	4d	x
----	----	----	----	---

	3	2	1	0	
0			e7	98	
1			cc	e5	t
2			70	2e	

						f7	de	res
--	--	--	--	--	--	----	----	-----

00	00	01	e3	44	1c	a2	13	07	a
----	----	----	----	----	----	----	----	----	---

Figure 4I



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2c	tmp1
86	tmp2
1c	tmp3
60	tmp4

ef	94	ca	b3	y
----	----	----	----	---

a6	31	e7	4d	x
----	----	----	----	---

	3	2	1	0	
0		42	e7	98	t
1		7a	cc	e5	
2		7b	70	2e	

					c0	f7	de	res
--	--	--	--	--	----	----	----	-----

00	00	01	e3	44	1c	a2	13	07	a
----	----	----	----	----	----	----	----	----	---

Figure 4J



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2c	tmp1
86	tmp2
1c	tmp3
60	tmp4

ef	94	ca	b3	y
----	----	----	----	---

a6	31	e7	4d	x
----	----	----	----	---

	3	2	1	0	
0	2f	42	e7	98	t
1	db	7a	cc	e5	
2	5a	7b	70	2e	

9b	2d	d8	48	of	c0	f7	de	res
----	----	----	----	----	----	----	----	-----

00	00	01	e3	44	1c	a2	13	07	a
----	----	----	----	----	----	----	----	----	---

Figure 4K